

FIG. 1

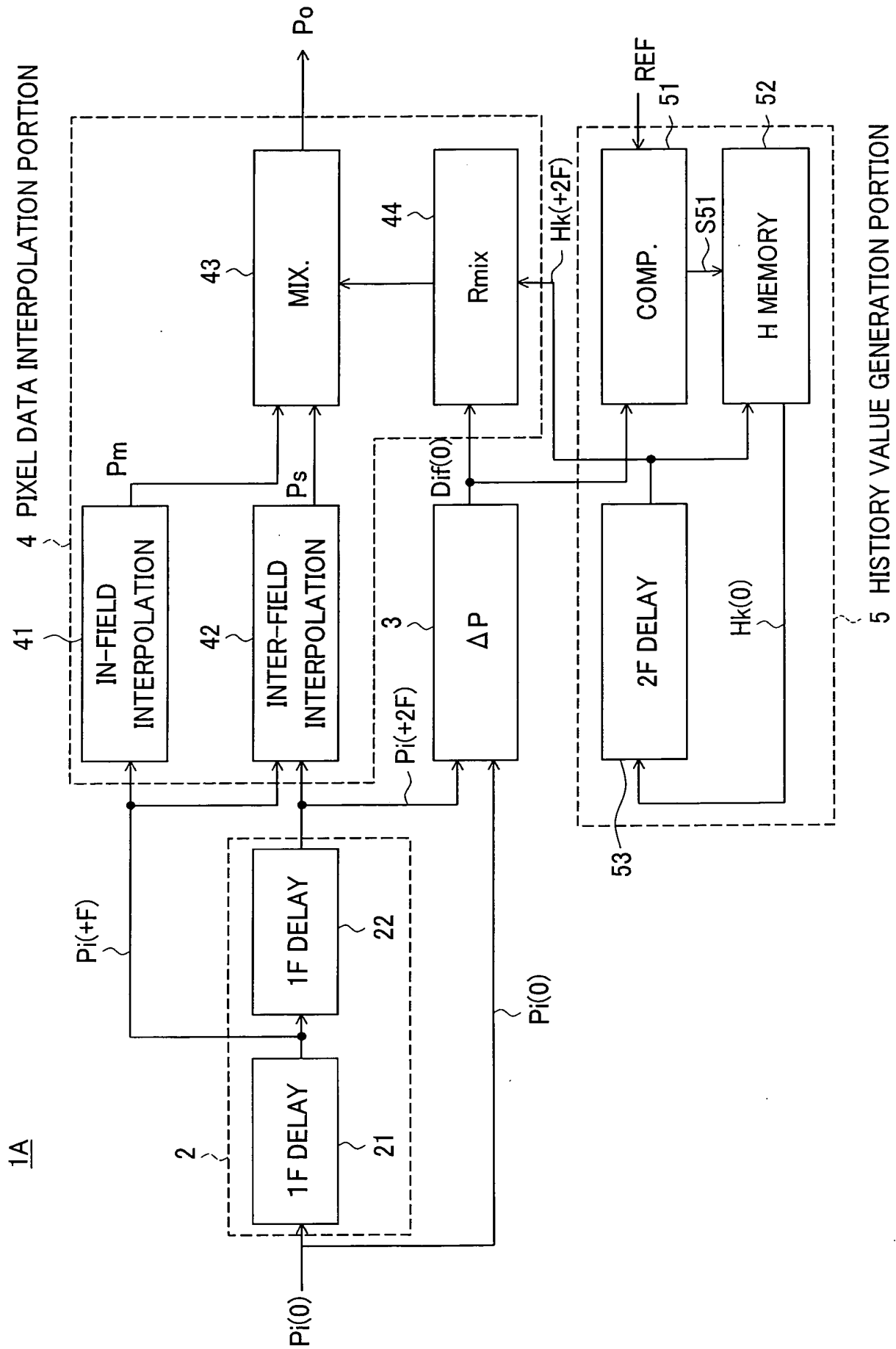


FIG. 2

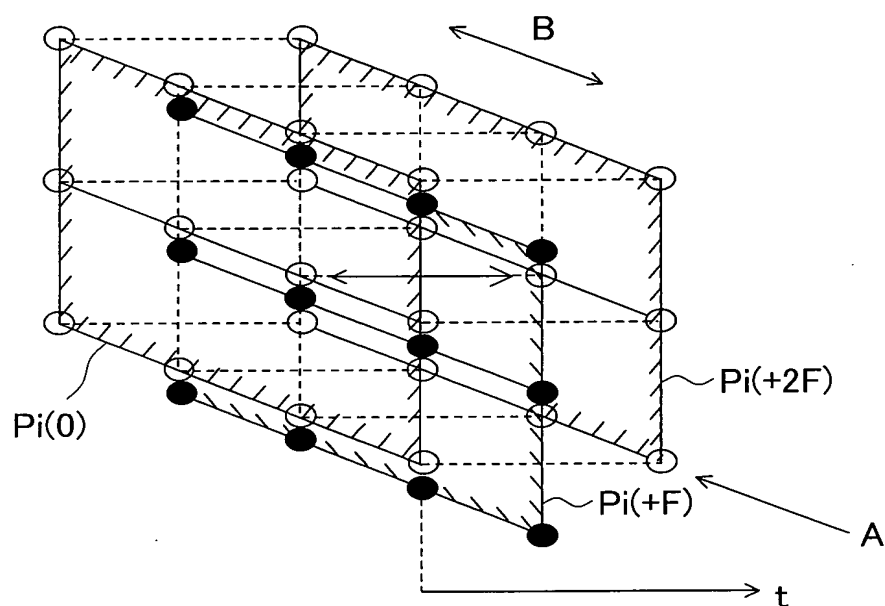


FIG. 3

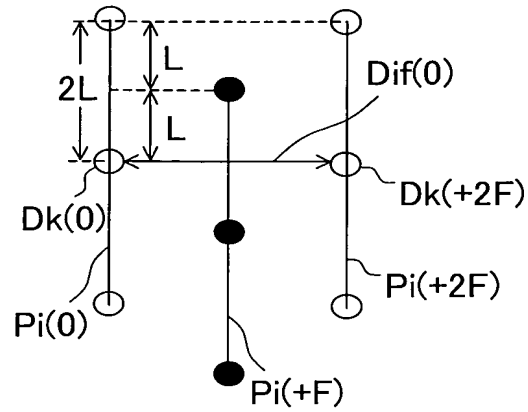


FIG. 4

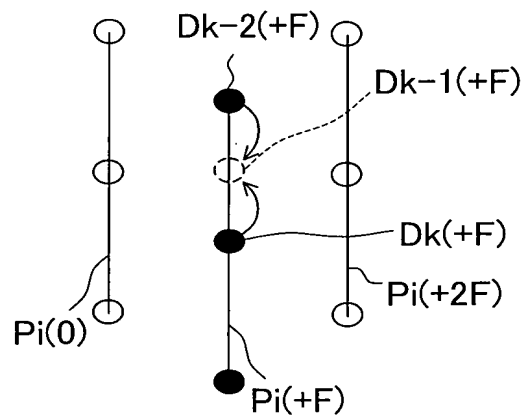


FIG. 5

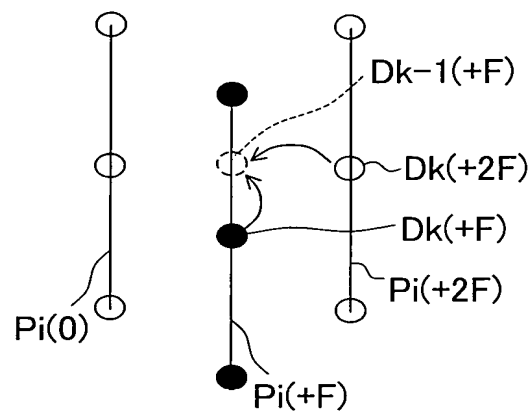


FIG. 6

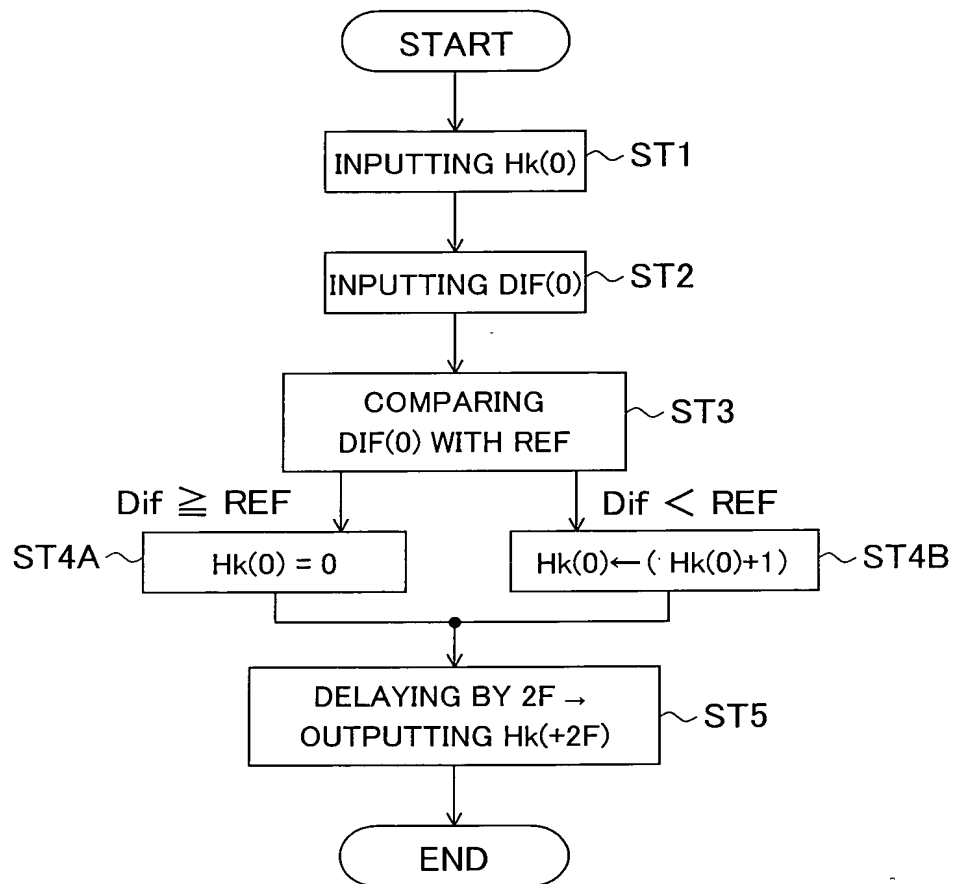


FIG. 7

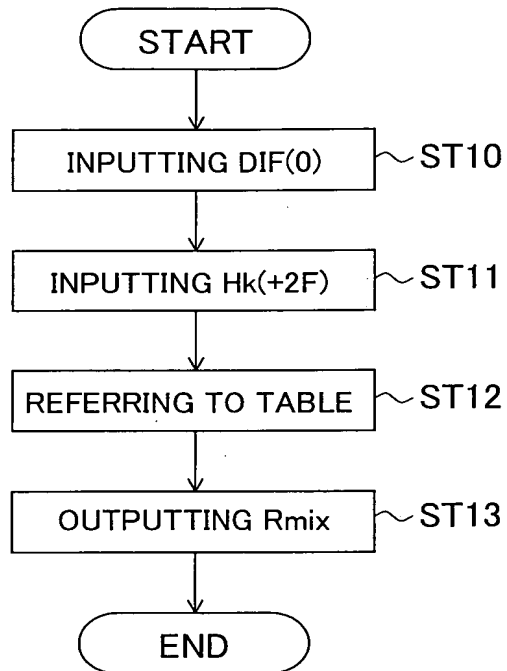


FIG. 8

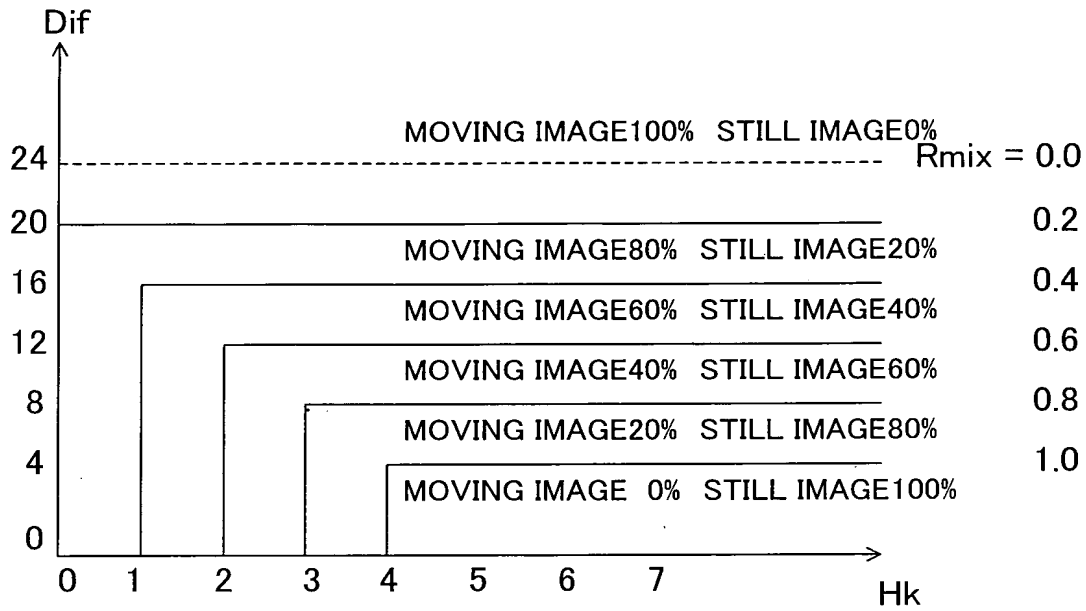
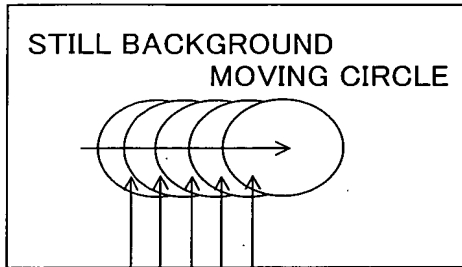


FIG. 9



	Hk	Dif	Rmix	
CURRENT	0	30	MOVING IMAGE 100%	STILL IMAGE 0%
1 FRAME BEFORE	0	0	MOVING IMAGE 80%	STILL IMAGE 20%
2 FRAMES BEFORE	1	0	MOVING IMAGE 60%	STILL IMAGE 40%
3 FRAMES BEFORE	2	0	MOVING IMAGE 40%	STILL IMAGE 60%
4 FRAMES BEFORE	3	0	MOVING IMAGE 20%	STILL IMAGE 80%

FIG. 10

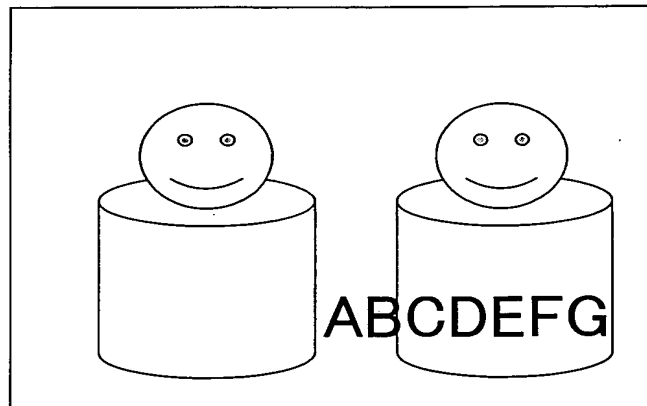
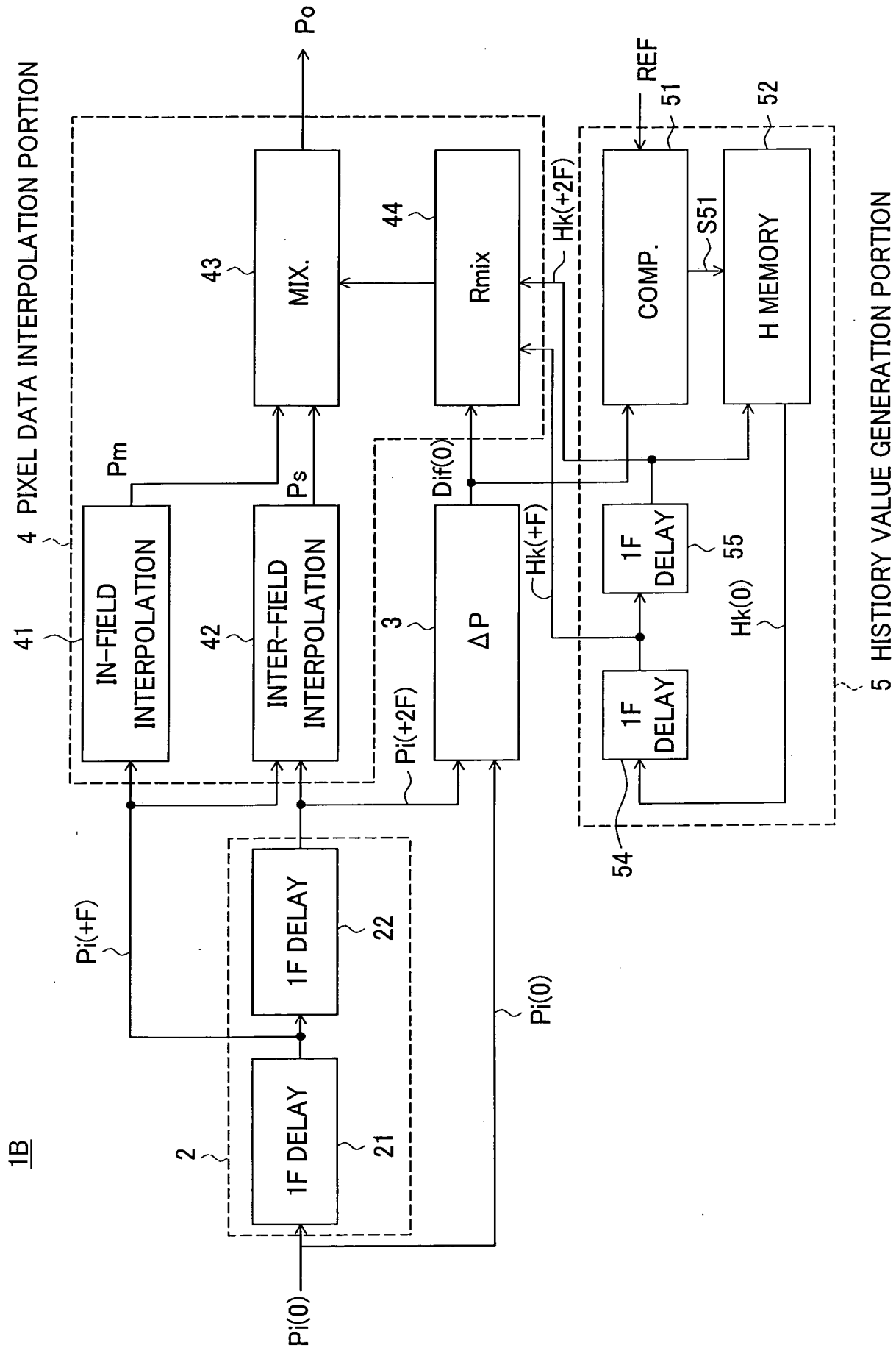


FIG. 11



Explanation of References

- 1A, 1B: image processing apparatus
- 2: field delay portion
- 5 21: first field delay portion
- 22: second field delay portion
- 3: frame difference calculation portion (motion detection portion)
- 4: pixel data interpolation portion
- 10 41: in-field interpolation portion
- 42: between-field interpolation portion
- 43: pixel data mixture portion
- 44: mixture ratio setting portion
- 5: history value generation portion
- 15 51: motion comparison portion (motion detection portion)
- 52: history value memory
- 53: history value delay portion
- 54: first history value field delay portion
- 55: second history value field delay portion
- 20 Pi: input field screen
- Po: output field screen
- Pm: moving image interpolation screen
- Ps: still image interpolation screen
- Dif: frame difference
- 25 Hk: history value
- REF: reference
- Rmix: mixture ratio